

States of Matter

SOLID → LIQUID

This process is called...

LIQUID → GAS

This process is called...

Solid

Particle Diagram:

Particle Behaviour:

Liquid

Particle Diagram:

Particle Behaviour:

Gas

Particle Diagram:

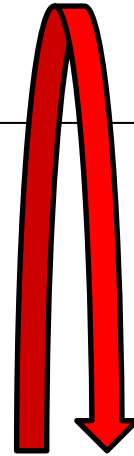
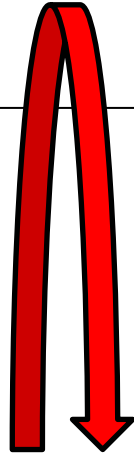
Particle Behaviour:

LIQUID → SOLID

This process is called...

GAS → LIQUID

This process is called...



The Particle Theory of Matter

- **Solid** + heat → _____ This process is called _____.
 - The particles move _____ (faster/slower) and _____ (farther apart/closer together) because they are _____ (gaining/losing) energy.
- **Liquid** + heat → _____ This process is called _____.
 - The particles move _____ (faster/slower) and _____ (farther apart/closer together) because they are _____ (gaining/losing) energy.
- **Liquid** – heat → _____ This process is called _____.
 - The particles move _____ (faster/slower) and _____ (farther apart/closer together) because they are _____ (gaining/losing) energy.
- **Gas** – heat → _____ This process is called _____.
 - The particles move _____ (faster/slower) and _____ (farther apart/closer together) because they are _____ (gaining/losing) energy.